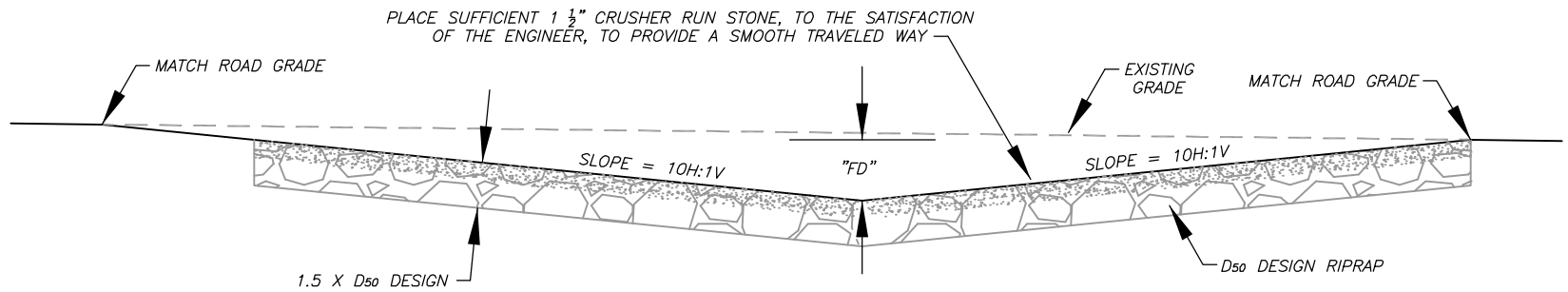


**PLAN VIEW**  
SCALE: 1" = 10 FT.

- NOTES:
- 1. 1 1/2" CRUSHER RUN STONE SHALL MEET THE GRADATION REQUIREMENTS FOR CLASS 1 AGGREGATE IN TABLE 704.6.24 OF THE WVDOT SPECIFICATIONS FOR ROADS AND BRIDGES.
  - 2. "TW" = TOP WIDTH  
"Fb" = FREEBOARD DEPTH  
"F.D." = FLOW DEPTH  
"t" = THICKNESS



**CROSS SECTION A - A.**  
SCALE: 1" = 6 FT.

ROCK RIPRAP SIZING				
GRADATION	D <sub>50</sub> =6"	D <sub>50</sub> =12"	D <sub>50</sub> =18"	D <sub>50</sub> =24"
50%	6" - 9"	12" - 18"	18" - 27"	24" - 36"
35%	3" - 6"	6" - 12"	9" - 18"	12" - 24"
15%	<= 3"	3" - 6"	4.5" - 9"	6" - 12"

**DETAIL XX**  
**RIPRAP "VEE" CHANNEL ROAD CROSSING**  
SCALE: AS NOTED